

Notice of Allowability

Application No.

10/773,884

Applicant(s)

DANIELS, JEROME

Examiner

Art Unit

Hau V. Phan

3618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/5/2006.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Hau V Phan
Primary Examiner
Art Unit: 3618

DETAILED ACTION

Acknowledgment

1. The amendment filed on 4/5/2006 has been entered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Craig Barber on 3/29/2006 to amend the original claim filed on 6/20/2005.

Claim 1, line 1, before "liquid supply" insert – vehicle having a –

Claim 1, line 1, after "liquid supply," delete "apparatus for occupants of a vehicle having"

Claim 1, line 2, before "comprising" change "apparatus" to – said liquid supply –

Claim 1, line 5, after "thermoelectric" delete "liquid"

Claim 1, line 5, after "heat exchanger" insert – having a heat exchanger element, which is wound around a liquid connection to heat or cool the liquid connection, said liquid connection is connected between the liquid supply reservoir and a liquid dispenser, --

Claim 1, lines 4, 6, 11, 12, 14, 18, change "such" to – the –

Claim 1, line 7, after “vehicle” delete “, the thermoelectric liquid heat exchanger having an operative liquid connection from the liquid reservoir, whereby liquid within such operative liquid connection may have its heat content altered by thermoelectric liquid heat exchanger”

Claim 1, line 11, before “liquid dispenser” change “a” to – the –

Claim 1, line 12, after “vehicle” delete “, the liquid dispenser having an operative liquid connection from the thermoelectric liquid heat exchanger”

Claim 1, line 14-15, after “operatively connected to” delete “at least one of”

Claim 1, line 15, after “the liquid” change “connections’ to – connection –

Claim 1, line 16, after “thermoelectric” delete “liquid”

Claim 1, line 18, change “connections are” to – connection is –

Claims 2-15, line 1, before “liquid supply” insert – vehicle –

Claim 2, change “such” to – the –

Claim 14, line 1, after “wherein” delete “each of”

Claim 14, line 2, change “connections further comprises: to – connection further comprise: --

Claim 15, lines 2, 4, after “thermoelectric” delete “liquid”

Allowable Subject Matter

3. Claims 1-15 are allowed.
4. The following is an examiner’s statement of reasons for allowance. The prior art does not teach the vehicle having a liquid supply as recited in claim 1, which includes a

liquid supply reservoir, a thermoelectric heat exchanger having a heat exchange element, which is wound around a liquid connection to heat or cool the liquid connection. The liquid connection is connected between the liquid reservoir and a liquid dispenser. The liquid dispenser has a first position on an exterior of a dashboard of the vehicle. This recitation, in combination with the rest of the recited elements, clearly defines over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hau V. Phan whose telephone number is 571-272-6696. The examiner can normally be reached on 7:30AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Ellis can be reached on 571-272-6914. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hau V Phan
Primary Examiner
Art Unit 3618

Hau Phan
4/14/06